APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/826,251	04/04/2001	Ylian Saint-Hilaire	INTL-0554-US (P11113)	2672

21906	7590	12/16/2005

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EXAMINER
WEST, LEWIS G

ART UNIT	PAPER NUMBER
2682	

DATE MAILED: 12/16/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<table>
<tr><td rowspan="2">Office Action Summary</td><td>Application No.</td><td>Applicant(s)</td><td></td></tr>
<tr><td>09/826,251</td><td colspan="2">SAINT-HILAIRE ET AL.</td></tr>
<tr><td></td><td>Examiner</td><td>Art Unit</td><td></td></tr>
<tr><td></td><td>Lewis G. West</td><td>2682</td><td></td></tr>
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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>17 November 2005</u>.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) <u>1,2 and 4-30</u> is/are pending in the application.

     4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) <u>1,2 and 4-30</u> is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on <u>04 April 2001</u> is/are: a)☒ accepted or b)☐ objected to by the Examiner.

     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

     a)☐ All   b)☐ Some *   c)☐ None of:

         1.☐ Certified copies of the priority documents have been received.

         2.☐ Certified copies of the priority documents have been received in Application No. _____ .

         3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

     * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
     Paper No(s)/Mail Date _____ .

4) ☐ Interview Summary (PTO-413)
     Paper No(s)/Mail Date. _____ .

5) ☐ Notice of Informal Patent Application (PTO-152)

6) ☐ Other: _____ .

Response to Arguments

Applicant's arguments with respect to claims 1-2 and 4-30 have been considered but are

moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1, 2 and 4-30 are rejected under 35 U.S.C. 102(e) as being anticipated by Walley

et al (US 2002/0090961).

Regarding claim 1, Walley discloses a method comprising:

enumerating a plurality of devices in a first radio frequency network;[0035]

communicating address information about the devices in said first radio frequency

network over a non-radio frequency network to a second radio frequency network;[0028,0036,

0042] and

making the address information about the devices in the first radio frequency network

available to devices in said second radio frequency network.[0035-0036]

Regarding claim 2, Walley discloses the method of claim 1 including automatically

enumerating a plurality of devices in a Bluetooth radio frequency network. [0041]

Regarding claim 4, Walley discloses the method of claim 1 including communicating information about said first radio frequency network over a telephone network. [0028]

Regarding claim 5, Walley discloses the method of claim 1 including enumerating a plurality of devices in a second radio frequency network. [0041]

Regarding claim 6, Walley discloses the method of claim 5 including combining said first and second radio frequency networks into a combined radio frequency network. [0056]

Regarding claim 7, Walley discloses the method of claim 6 including enabling any device in said first radio frequency network to communicate through a telephone call with any device in said second radio frequency network. [0035-0036]

Regarding claim 8, Walley discloses the method of claim 7 including transmitting data between said first and second radio frequency networks through said telephone call at the same time that a voice communication is ongoing between a device in said first radio frequency network and a device in said second radio frequency network. [0035]

Regarding claim 9, Walley discloses the method of claim 8 including enumerating a cellular telephone as said first and second telephones. [0035]

Regarding claim 10, Walley discloses the method of claim 9 wherein one of said cellular telephones acts as a proxy for the devices in said first radio frequency network and the other of said cellular telephones acts as a proxy for the devices in said second radio frequency network. [0035] If a user cannot us handset HS1, HS2 or HS3 may be used in its place.

Regarding claim 11, Walley discloses an article comprising a computer storage medium storing instructions that,

if executed, enable a processor-based system to:

enumerate a plurality of devices in a first radio frequency network; [0035]

communicate address information about the devices in said first radio frequency network over a non-radio frequency network to a second radio frequency network; [0028, 0036] and

make the address information about the devices in the fast radio frequency network available to devices in said second radio frequency network.[0035-0036]

Regarding claim 12, Walley discloses the article of claim 11, further storing instructions that enable the processor-based system to automatically enumerate a plurality of devices in a Bluetooth radio frequency network. [0041]

Regarding claim 13, Walley discloses the article of claim 11 further storing instructions that enable the processor-based system to develop enumeration data for a plurality devices in a first radio frequency network and communicate that enumeration data over a non-radio frequency network. [0028]

Regarding claim 14, Walley discloses the article of claim 13 further storing instructions that enable the processor-based system to develop communications about said first radio frequency network over a telephone network. [0040]

Regarding claim 15, Walley discloses the article of claim 11 further storing instructions that enable the processor-based system to receive enumeration data from a plurality of devices in a second radio frequency network coupled to said first radio frequency network by said non-radio frequency network. [0035-0042]

Regarding claim 16, Walley discloses the article of claim 15 further storing instructions that enable said processor-based system to combine said first and second radio frequency network enumeration data to develop a combined radio frequency network. [0056]

Regarding claim 17, Walley discloses the article of claim 16 further storing instructions that enable the processor-based system to enable any device in said first radio frequency network to communicate with any device in said second radio frequency network. [0035-0036]

Regarding claim 18, Walley discloses the article of claim 17 further storing instructions that enable the processor-based system to transmit data from said first to said second radio frequency network via said call at the same time that a voice communication is ongoing between a device in said first radio frequency network and a device in said second frequency network. []

Regarding claim 19, Walley discloses the article of claim 18 further storing instructions that enable the processor-based system to implement cellular radio frequency communications. [0035-0036]

Regarding claim 20, Walley discloses the article of claim 19 further storing instructions that enable a cellular telephone in said first radio frequency network to act as a proxy for other devices in said first radio frequency network. [0035] If a user cannot us handset HS1, HS2 or HS3 may be used in its place.

Regarding claim 21, Walley discloses a device comprising:

a radio frequency receiver;

a radio frequency transmitter, and

a processor to enumerate devices in a first radio frequency network and to enumerate a plurality of devices in a first radio frequency network, communicate address information about the devices in said first radio frequency network over a non-radio frequency network to a second radio frequency network, and make the address information about the devices in the first radio frequency network available to devices in said second radio frequency network. [0035-0036]

Regarding claim 22, Walley discloses the device of claim 21 wherein said radio frequency transmitter includes a cellular radio frequency transmitter. [0040-0041]

Regarding claim 23, Walley discloses the device of claim 22, wherein said transmitter includes a Bluetooth transmitter. [0041]

Regarding claim 24, Walley discloses the system of claim 21 including a transmitter to transmit information over at least two different radio frequency networks as well as a telephone network. [0040-0041]

Regarding claim 25, Walley discloses the device of claim 24 including a transmitter to transmit over a cellular telephone network and-a Bluetooth network. [0040-0041]

Regarding claim 26, Walley discloses the device of claim 21 wherein said processor is programmed to receive enumeration data over a non-radio frequency network so as to combine the first radio frequency network with a second radio frequency network over said non-radio frequency network. [0035-0036, 0056]

Regarding claim 27, Walley discloses the device of claim 21 including a receiver and a transmitter to implement a telephone link while simultaneously exchanging data received over a separate radio frequency link. [0040]

Regarding claim 28, Walley discloses the device of claim 21, wherein said transmitter packetizes voice data. [0037, 0041] Sending voice over a Bluetooth connection inherently involves packetization.

Regarding claim 29, Walley discloses the device of claim 28 wherein said transmitter

packetizes enumeration data and transmits it with packetized voice data. [0035-0041]

Enumeration data is necessary to send the packet to the correct device and therefore inherently a
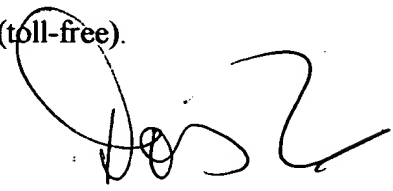
part of the packetized data.

Regarding claim 30, Walley discloses the device of claim 29 wherein said device is a

Bluetooth and cellular transceiver. [0041]

Conclusion

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Lewis G. West whose telephone number is 571-272-7859. The

examiner can normally be reached on Monday-Friday 7:00-3:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Doris To can be reached on 571-272-7629. The fax phone number for the

organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

DORIS H. TO
SUPERVISORY PATENT EXAMINER
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